Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 01 Dec 2023 until 23:59 on Saturday 02 Dec 2023

Forecast Issued on Thursday 30 Nov 2023 at 16:55

Confidence: High for cold largely dry conditions through Friday and Saturday with light winds. Likely to remain cold but confidence falls considerably from Sunday due to uncertainty in the track and depth of a low, currently expected to move east across the English Channel.

Headline for Friday 01 Dec 2023: Cold, dry and mostly sunny. Mainly light winds.

Mountain weather hazards on Friday 01 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
10%	10%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Friday 01 Dec 2023

Weather: Risk of a few early snow flurries in the east, but generally dry with long clear spells and a widespread frost and patchy freezing fog developing at low levels. A frosty start, with any fog patches at low levels clearing, to a dry and largely sunny day. Clear and dry through the evening with frost and freezing fog patches returning to low levels.

Chance of cloud-free hill tops above 600m: Around 75% at first, otherwise close to 100%

Low cloud and visibility: Occasional cloud above 600m at first, otherwise little or no cloud below the summits. There will be good panoramic views of surrounding hills with generally excellent visibility, although early and late freezing fog patches reducing visibility to a few hundred metres at low levels.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 01 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 NE	14/20 NE	13/18 NE	11/14 NE	9/11 NE	6/8 NE	5/7 NE	3/4 SW	5/6 SW
300	8/12 NE	8/13 NE	7/14 NE	6/12 NE	5/8 NE	3/5 N	2/4 E	2/3 SW	2/3 SW
Valley	6/16 NE	5/16 NE	5/14 NE	5/13 NE	3/7 NE	2/4 NW	3/4 E	2/3 SE	2/3 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-4/-10	-4/-10	-3/-9	-2/-7	-2/-5	-3/-6	-3/-6	-4/-7
300	-1/-5	-1/-5	-2/-6	-1/-5	1/-2	0/-1	-1/-3	-1/-3	-2/-4
Valley	-1/-4	-1/-4	-2/-5	-1/-4	1/-0	0/-1	-2/-4	-3/-5	-3/-5
Freezing Level*	00m	00m	00m	00m	200m	100m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Remaining cold at all levels despite easing winds and sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 30 Nov 2023	0mm	0.4mm	1mm

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear for much of the night, although low level freezing fog likely. Low level freezing fog only slowly clearing, otherwise a bright day on the hills with almost unbroken sunshine, perhaps a little more cloud at times in the west later in the day.

Maximum wind: Southerly 10mph or less.

Chance of cloud-free hill tops above 600m: Close to 100% for much of the day, perhaps falling a little across western hills later in the afternoon.

Low cloud and visibility: Occasional cloud above about 600m perhaps edging across west hills later in the afternoon. Away from cloud visibility very good across the hills, but just a few hundred metres in any low level freezing fog.

Temperature: **Valleys:** Locally around minus 6 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: All levels, briefly rising towards 300m for a time around the middle of the day.

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